

HISTORIC AMERICAN ENGINEERING RECORD

MASTER PROJECT RECORD

HAER OH-7

SUPERIOR AVENUE VIADUCT (1874-1878)

.8 miles southwest of Public Square
Cleveland
Cuyahoga County
OHIO

NOTE: All photographs were taken by John T. "Jet" Lowe during the summer of 1979.

- OH-7-4 View in foreground of the deck of the Viaduct. The ornamental wrought iron railing, sandstone sidewalks, and cobblestone roadway are visible. The bridge accommodated two streetcar lines flanked by two lanes of vehicular traffic. In the background is the Detroit-Superior High Level Bridge, which replaced the viaduct. View is looking Southwest.
- OH-7-3 View looking Northwest. Viaduct was a combination masonry and iron truss structure with a swing span over the Cuyahoga River. Only the masonry section, west of the river, still stands.
- OH-7-1 View looking north of 83 foot masonry arch. This was Cleveland's first "high level" bridge. It connected the east and west sides of Cleveland.
- OH-7-2 View looking Northeast. The masonry section of the viaduct, west of the river, was 1,382 feet long and consisted of eight segmental arches of 83 foot span and two segmental arches of 97.5 foot span, plus intervening sections of retaining wall. Eight of the Masonry arches, made of Berea Sandstone, still stand

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Prints 5-15 photocopied by Score Photographers, Cleveland, Ohio, 1978.

- OH-7-5 Copy of an early view of the bridge (undated). Photo
courtest of the Cleveland Public Library.
- OH-7-6 Copy of a photograph of the bridge takne on June 5, 1912.
Photo courtesy The Cleveland Press.
- OH-7-7 Copy of Plan and Elevation of Superior Viaduct, drawing
courtesy Engineering Department., City of Cleveland.
- OH-7-8 Copy of Superior St. Viaduct, Plan and Elevation. Drawing
courtesy of Engineering Department, City of Cleveland
- OH-7-9 Copy of side elevation and plan of Superior Avenue Viaduct
Drawing courtesy of Engineering Department, City of
Cleveland.
- OH-7-10 View showing viaduct arches. Drawing courtesy of Engineering
Department, City of Cleveland.
- OH-7-11 Copy of "Stresst-sheet for Trussess of Draw span, Superior
Avenue Viaduct, Summary." Drawing courtesy Engineering Dept.,
City of Cleveland.
- OH-7-12 Copy of "General Plan of Turinging Machinery, Superior
St. Viaduct." Drawing courtesy Engineering Depat., city
of Cleveland.
- OH-7-13 Copy of Superior Ave. Viaduct, Details, Turntable."
Drawing courtesy Engineering Depart., City of Cleveland.

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Superior Avenue Viaduct, 1874-1878 (continued)

- OH-7-14 View showing detail of truss (unidentified). Drqwing courtesy Engineering Department, City of Cleveland.
- OH-7-15 "Stress Sheet, Truss number 2, span number 6, Superior Avenue viaduct. Drqwing courtesy Engineering Dept., City of Cleveland.